

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK
OFFICE (MODIFIED)

ATTORNEY'S DOCKET NUMBER

X-14075

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

10/509770INTERNATIONAL APPLICATION NO.
PCT/US/03/08455INTERNATIONAL FILING
DATE
27 March 2003 (27.03.2003)PRIORITY DATE CLAIMED
29 March 2002 (29.03.2002)

TITLE OF INVENTION: PYRIDINOYLPIPERIDINES AS 5-HT1F AGONISTS


APPLICANT(S) FOR DO/EO/US: Michael Philip Cohen, Daniel Timothy Kohlman, Sidney Xi Liang, Vincent Mancuso, Frantz Victor, Yao-Chang Xu, Bai-Ping Ying, DeAnna Piatt Zacherl, and Deyi Zhang

Applicant herewith submits to the U.S. Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ A declaration of the inventors 35 U.S.C. 371(c)(4) was provided in the PCT Request Form.
11. ☒ A copy of the International Preliminary Examination Report (IPER), including any annexes, and, if not in English, an English language translation of the annexes to the IPER under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 12. to 18. below concern document(s) or information included:

12. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☐ Assignment has been recorded at reel _____, frame _____.
15. ☒ A **FIRST** preliminary amendment.
- ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
16. ☐ A Sequence Listing, 1.821 Statement, and diskette.
17. ☒ A change of power of attorney and attachments.
18. ☒ Other items or information:
Please amend the first page of the specification by inserting the following cross-reference after the title:
"This is the national phase application, under 35 USC 371, for PCT/US03/08455, filed 27 March 2003, which, claims the benefit, under 35 USC 119(e), of US provisional application 60/369,088, filed 29 March 2002."

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/509770		PCT/US03/08455		X-14075	
19.	<input checked="" type="checkbox"/>	The following fees are submitted:			CALCULATIONS PTO USE ONLY
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$770.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 920.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than __ 20 __ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		67-20=	47	X \$18.00	\$ 846.00
Independent claims		9-3=	6	X \$86.00	\$ 516.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$ 290.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,652.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$	
SUBTOTAL =				\$2,572.00	
Processing fee of \$130.00 for furnishing English translation later than __ 20 __ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$2,572.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$2,572.00	
				Amount to be refunded	\$
				charged	\$
a.	<input type="checkbox"/>	A check in the amount of \$_____ to cover the above fees is enclosed.			
b.	<input checked="" type="checkbox"/>	Please charge my Deposit Account No. 05-0840 in the amount of \$2,572.00 to cover the above fees. A duplicate copy of this sheet is enclosed.			
c.	<input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-0840. A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:		SIGNATURE		25885	
ELI LILLY AND COMPANY				PATENT TRADEMARK OFFICE	
P.O. BOX 6288		R. Craig Tucker			
INDIANAPOLIS, INDIANA 46206-6288		(317) 433-9829			
Date Sept 28, 2004		TELEPHONE NUMBER			
45,165					
REGISTRATION NUMBER					

CERTIFICATE UNDER 37 CFR 3.73(b)

10/509770

DT04 Rec'd PCT/PTO 28 SEP 2004

Applicant: Michael Philip Cohen, et al.

Application No.: US Nat'l Phase of PCT/US03/08455 Filed: 27 March 2003

Entitled: PYRIDINOYLPIPERIDINES AS 5-HT1F AGONISTS

ELI LILLY AND COMPANY

, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above.

☐ The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame.

☒ The assignment is being submitted separately for recordation; a copy of this assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date

September 28, 2004

R. Craig Tucker
Patent Attorney

DT04 PCT/PTO 28 SEP 2004

IN THE UNITED STATES RECEIVING OFFICE (USRO) 10/509770

Applicant(s): Michael Philip Cohen, Daniel Timothy Kohlman, Sidney Xi Liang, Vincent Mancuso, Frantz Victor, Yao-Chang Xu, Bai-Ping Ying, DeAnna Piatt Zacherl, and Deyi Zhang

International Application No.: PCT/US03/08455

Filed: 27 March 2003 (27.03.2003)

Invention: PYRIDINOYLPIPERIDINES AS 5-HT_{1F} AGONISTS

Lilly Reference: X-14075

Earliest Priority Date: 29 March 2002 (29.03.2002)

Certificate Under 37 C.F.R. § 1.10

Attention: DO/EO

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir/Madam:

"Express Mail" mailing label number: EL 832896926 US

Date of Deposit: 9-28-04

I hereby certify that the following attached paper or fee

Transmittal Letter to the United States Designated/Elected Office (US) concerning a filing under 35 U.S.C. 371 of the International Application identified above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

QUEEN THOMAS

(Typed or printed name of person mailing paper)

Queen Thomas

(Signature of person mailing paper or fee)